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## FAX COVER SHEET

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DATE: September 24, 2004

TOTAL # OF PAGES:  
(INCLUDING THIS COVER SHEET) 32

TO: Examiner Nadine Norton, Group Art Unit 1765

FAX #: (703) 872-9306

FIRM NAME: United States Patent and Trademark Office

PHONE #: (571) 272-1465

FROM: Gregory P. Durbin, Reg. No. 42,503

FAX #: 303-629-3450

PHONE #: (303) 629-3427

EMAIL: durbin.greg@dorsey.com

## COMMENTS:

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: Vladimir V. Makarov et al.

Atty. Docket No.: 34591/US

Appln. No.: 10/678,438

Confirmation No.: 1593

Filing Date: October 3, 2003

Title: FIB MILLING OF COPPER OVER ORGANIC  
DIELECTRICS

## CERTIFICATE OF TRANSMISSION

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING FACSIMILE TRANSMITTED TO THE UNITED STATES PATENT AND TRADEMARK OFFICE FAX NO. (703) 306-5995, ON SEPTEMBER 24, 2004.

G. Sawatzke  
(PERSON MAKING THE TRANSMISSION OR ATTORNEY OF RECORD)

## Attached Correspondence:

1. Revocation of Previous Powers of Attorney and Power of Attorney by Assignee, photocopy of Assignment from NPTest, LLC to Credence Systems Corporation and redacted Annexes (31 pages); and
2. Certificate of Transmission by Facsimile (1 page).

ORIGINAL WILL BE SENT VIA: ☒ MAIL ☐ E-MAIL ☐ MESSENGER ☐ AIR COURIER ☒ WILL NOT BE SENT

PLEASE CONTACT GINNY SAWATZKE AT (303) 352-1105 IF THIS TRANSMISSION IS INCOMPLETE OR CANNOT BE READ.

REFERENCE # 3048/469998-107; 34591/US

DORSEY & WHITNEY LLP • WWW.DORSEY.COM • T 303.629.3400 • F 303.629.3450  
REPUBLIC PLAZA BUILDING • SUITE 4700 • 370 SEVENTEENTH STREET • DENVER, COLORADO 80202-5147

SEP 24 2004

Via Facsimile: 703-872-9306  
Attorney Docket No.: 34591/US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Application of	Confirmation No.: 1593
Inventors: Vladimir V. Makarov et al.	Group Art Unit: 1765
Appl. No.: 10/678,438	Examiner: Not Yet Assigned
Filed: October 3, 2003	
Title: FIB MILLING OF COPPER OVER ORGANIC DIELECTRICS	

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**REVOCATION OF PREVIOUS POWERS OF ATTORNEY  
AND POWER OF ATTORNEY BY ASSIGNEE**

Commissioner for Patents  
P.O. Box 1450  
Washington, D.C. 20231

Sir:

As an officer of Credence Systems Corporation, a Delaware corporation ("Assignee"), I hereby certify that to the best of my knowledge and belief Assignee is the assignee of the entire right, title and interest in and to the above-referenced patent application, and I represent that I am a representative authorized and empowered to sign on behalf of the Assignee.

I have reviewed the assignment document that evidences the placement of title in the Assignee, a true and accurate copy of which is attached hereto, and I understand and believe that this assignment document will be or has been submitted for recordation in the U.S. Patent and Trademark Office.

Assignee hereby revokes all previous powers of attorney associated with the above-referenced patent application and appoints on its behalf the practitioners associated with the USPTO Customer Number provided below to prosecute this patent application and to transact all business in the U.S. Patent and Trademark Office connected therewith:

USPTO Customer No. 20686  
DORSEY & WHITNEY LLP

Pursuant to 37 C.F.R. § 3.71, Assignee hereby states that prosecution of the above-referenced application be conducted to the exclusion of the inventor(s).

Send all correspondence relating to this application to:

DORSEY & WHITNEY LLP  
370 17th Street, Suite 4700  
Denver, Colorado 80202

USPTO Customer No. 20686

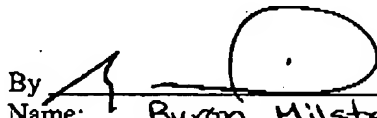
Direct all telephone calls to Gregory P. Durbin at (303) 629-3427.

The undersigned hereby declares that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, § 1001 and that such willful false statements may jeopardize the validity of the patent application or any patent issuing thereon.

Signed this 22 day of Sept., 2004.

ASSIGNEE:

CREDENCE SYSTEMS CORPORATION

By   
Name: Byron Milstead  
Title: Vice President  
Address: 1421 California Cir.  
Milpitas, CA 95035

## PATENT ASSIGNMENT

WHEREAS, NPTest, LLC, a limited liability company organized and existing under the laws of the State of Delaware, and having its principal place of business at 150 Baytech Drive, San Jose, California 95134, United States of America (the "Assignor"), is the owner of all right, title, and interest in and to the United States and foreign patents and patent applications (the "Patent Rights") listed in Annex A and Annex B hereto; and

WHEREAS, Credence Systems Corporation, a corporation organized and existing under the laws of the State of Delaware, and having its principal place of business at 1421 California Circle, Milpitas, California 95035, United States of America (the "Assignee"), is desirous of acquiring the entire right, title, and interest in and to said Patent Rights;

WHEREAS, Assignor desires to assign and Assignee desires to receive all of Assignor's right, title and interest in and to the Patent Rights;

NOW THEREFORE, for the sum of \$1.00 and other good and valuable consideration to it in hand paid, the receipt and sufficiency of which are hereby acknowledged, Assignor has sold, assigned, and set over and by these presents does hereby sell, assign and transfer to the said Assignee, and said Assignee's legal representatives, successors and assigns, any and all of the entire right, title and interest in and to said Patent Rights, any applications, provisionals, non-provisionals, continuations, continuations-in-part, continuing prosecutions, divisionals, renewals, or substitutes thereof, all international, foreign and regional applications corresponding thereto, all convention rights corresponding thereto, all priority rights and claims corresponding thereto, and the Letters Patent, both foreign and domestic, that may or shall issue thereon, or any reissues or reexaminations thereof, to be obtained for the Patent Rights;

UPON SAID CONSIDERATION, the Assignor hereby covenants and agrees with the said Assignee that it will not execute any writing or do any act whatsoever conflicting with these presents, and that it will, at any time upon request, without further or additional consideration, but at the expense of the said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, provisionals, non-provisionals, continuations, continuations-in-part, continuing prosecutions, divisionals, renewals, reissued, reexamined or extended Letters Patent of the United States, or of any and all foreign countries, on said Patent Rights, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties.

IN WITNESS WHEREOF, the Assignor has executed this Assignment and caused the same to be duly delivered on its behalf on the day and year first set forth below.

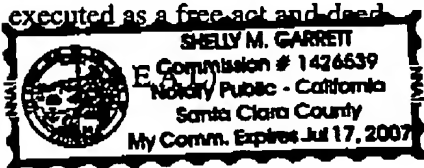
NPTEST, LLC

Date July 12, 2004

By: Leslie Weise  
Name: Leslie Weise  
Title: General Counsel and Secretary

STATE OF CALIFORNIA )  
 ) ss.  
COUNTY OF SANTA CLARA)

On this 12 day of July, 2004, before me a Notary Public, personally appeared Leslie Weise, the above-mentioned representative of the Assignor, NPTest, LLC, who executed the foregoing Assignment, and represented and acknowledged that he/she had the requisite corporate authority to execute this Assignment and the same was executed as a free act and deed.



Shelly M. Garrett  
Notary Public

My commission expires: July 17, 2007

IN WITNESS WHEREOF, Assignee confirms the acceptance of the assignment of the Patent Rights from the Assignor.

CREDENCE SYSTEMS CORPORATION

Date 7/13/04

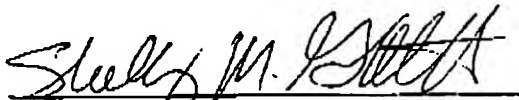
By: Byron Milstead  
Name: Byron Milstead  
Title: Vice President and General Counsel

STATE OF CALIFORNIA )  
 ) ss.  
COUNTY OF SANTA CLARA)

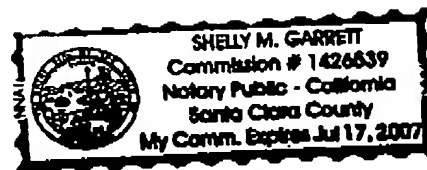
On this 13 day of July, 2004, before me a Notary Public, personally appeared Byron Milstead, the above-mentioned representative of the Assignee, Credence Systems Corporation, who executed the foregoing Patent Assignment, and represented

and acknowledged that he/she had the requisite corporate authority to execute and accept this Patent Assignment and the same was executed as a free act and deed.

(S E A L)

  
Notary Public

My commission expires: July 17, 2007



ANNEX A  
U.S. PATENT ASSIGNMENT FROM NPTEST, LLC TO CRENDENCE SYSTEMS CORPORATION

Country	Application Date	Application No.	Grant Date	Patent No.	Title	Status	Docket
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REDACTED

ANNEX A  
U.S. PATENT ASSIGNMENT FROM NPTEST, LLC TO CREDESCENCE SYSTEMS CORPORATION

Country	Application Date	Application No.	Grant Date	Patent No.	Title	Status	Docket No.
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REDACTED



ANNEX A  
U.S. PATENT ASSIGNMENT FROM NPTEST, LLC TO CREDDENCE SYSTEMS CORPORATION

Country	Application Date	Application No.	Grant Date	Patent No.	Title	Status	Docket
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Country	Application Date	Application No.	Grant Date	Patent No.	Title	Status	Docket
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REDACTED

ANNEX A  
U.S. PATENT ASSIGNMENT FROM NPTEST, LLC TO CREDENCE SYSTEMS CORPORATION

Country	Application Date	Application No.	Grant Date	Patent No.	Title	Status	Defect
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REDACTED

ANNEX A  
U.S. PATENT ASSIGNMENT FROM NPTEST, LLC TO CRENDENCE SYSTEMS CORPORATION

Country	Application Date	Application No.	Grant Date	Patent No.	Title	Status	Docket
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REDACTED

ANNEX A  
U.S. PATENT ASSIGNMENT FROM NPTEST, LLC TO CREDESCENCE SYSTEMS CORPORATION

Country	Application Date	Application No.	Grant Date	Patent No.	Title	SMG	EDocVer
United States	10/03/2003	10/678,438	---	---	FIB Milling of Copper over Organic Dielectrics	Pending	P0395
REDACTED							

ANNEX A  
U.S. PATENT ASSIGNMENT FROM NPTEST, LLC TO CREDESCENCE SYSTEMS CORPORATION

Country	Application Date	Application No.	Grant Date	Patent No.	Title	Status	Docket
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REDACTED

ANNEX A  
U.S. PATENT ASSIGNMENT FROM NPTEST, LLC TO CREDESCENCE SYSTEMS CORPORATION

Country	Application Date	Application No.	Grant Date	Patent No.	Title	Status	Docket
REDACTED							



ANNEX B  
FOREIGN PATENT ASSIGNMENT FROM NPTEST, LLC TO CREDENCE SYSTEMS CORPORATION

Country	Application Date	Application No.	Grant Date	Patent No.	Title	Status	Docket
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REDACTED

ANNEX B  
FOREIGN PATENT ASSIGNMENT FROM NPTEST, LLC TO CREDEENCE SYSTEMS CORPORATION

Country	Application Date	Application No.	Grant Date	Patent No.	Title	Status	DocId
REDACTED							

ANNEX B  
FOREIGN PATENT ASSIGNMENT FROM NPTEST, LLC TO CRENDENCE SYSTEMS CORPORATION

Country	Application Date	Application No.	Grant Date	Patent No.	Title	Status	DocKey
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REDACTED

ANNEX B  
FOREIGN PATENT ASSIGNMENT FROM NPTEST, LLC TO CREDENCE SYSTEMS CORPORATION

Country	Application Date	Application No.	Grant Date	Patent No.	Title	Date	Status	Docket
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REDACTED

ANNEX B  
FOREIGN PATENT ASSIGNMENT FROM NPTEST, LLC TO CREDENCE SYSTEMS CORPORATION

Country	Application Date	Application No.	Grant Date	Patent No.	Title	Status	Docket
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REDACTED

ANNEX B  
FOREIGN PATENT ASSIGNMENT FROM NPTEST, LLC TO CREDESCENCE SYSTEMS CORPORATION

Country	Application Date	Application No.	Grant Date	Patent No.	Title	Status	Doyle
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REDACTED

ANNEX B  
FOREIGN PATENT ASSIGNMENT FROM NPTEST, LLC TO CREDENCE SYSTEMS CORPORATION

Country	Application Date	Application No.	Grant Date	Patent No.	Title	Status	Docket
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REDACTED

ANNEX B  
FOREIGN PATENT ASSIGNMENT FROM NPTEST, LLC TO CRESCENCE SYSTEMS CORPORATION

Country	Application Date	Application No.	Grant Date	Patent No.	Title	Status	Docket
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ANNEX B  
FOREIGN PATENT ASSIGNMENT FROM NPTEST, LLC TO CRESCENCE SYSTEMS CORPORATION

Country	Application Date	Application No.	Grant Date	Patent No.	Title	Status	Disks
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REDACTED

ANNEX B  
FOREIGN PATENT ASSIGNMENT FROM NPTEST, LLC TO CREDENCE SYSTEMS CORPORATION

Country	Application Date	Application No.	Grant Date	Patent No.	Title	Status	DocId
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ANNEX B  
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Country	Application Date	Application No.	Grant Date	Patent No.	Title	Status	Docket
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Country	Application Date	Application No.	Grant Date	Patent No.	Title	Status	DocKey
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Country	Application Date	Application No.	Grant Date	Patent No.	Title	Status	Docket
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